

FIG. 4

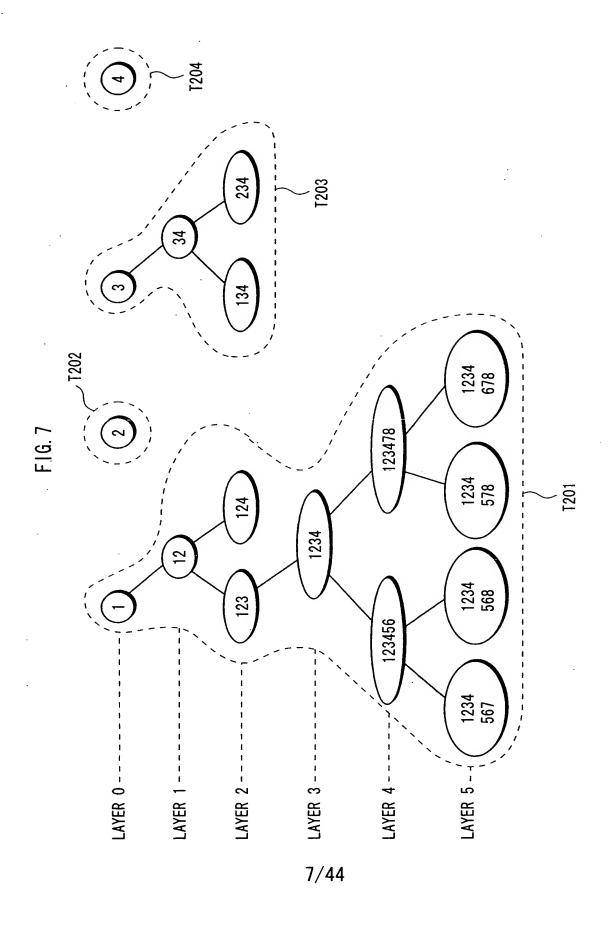
T	171 T	172 1	T173 T101	
-	PARENT NODE NAME	CHILD NODE NAME	APPARATUS IDENTIFIER	
T170~	Έ0	E1		
	E0	E2	_	
	E1	E3	_	
	E1	E4	_	
	E2	E5	_	
	E2	E6		
İ	E3	E7	_	
	E3	E8	_	
	E4	E9		
	E4	E10	_	
	E5	E11	_	,
	E5 .	E12	_	
•	E6	E13		
T17F	E6-	E14		
T175 T176	Œ7		APPARATUS 1	- T178
1170	E8	_	APPARATUS 2	
	E9	_	APPARATUS 3	
	E10	_	APPARATUS 4	
	E11	_	APPARATUS 5	
•	E12 .	_	APPARATUS 6	
	E13	_	APPARATUS 7	
	E14	_	APPARATUS 8	
		T177		

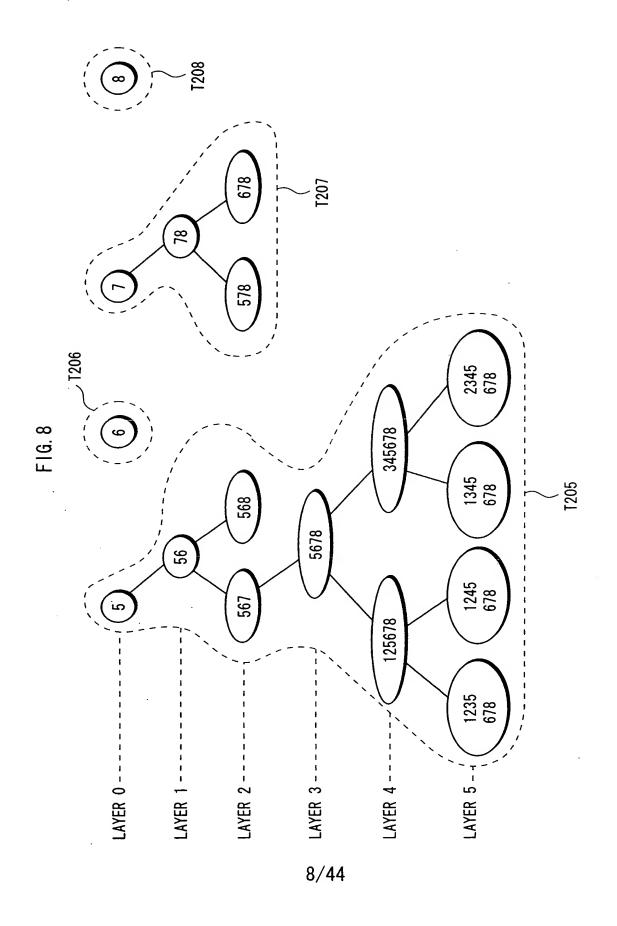
L	2	>	
<		<u>;</u>	
L	ı	_	

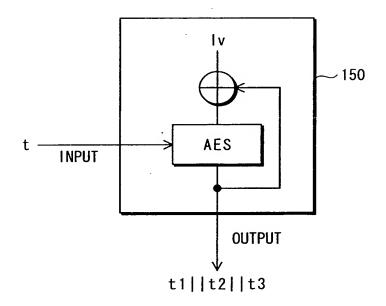
	378 RR			~~~		<del>ct</del>	
	2345678 A5RLRRR K28			678 A7RR K33		8 A8 K34	
	78 RL			<u></u>	•		
	1345678 A5RLRRL K27			578 A7RL K32		7 A7 K30	
	378 RLR 3	:		8 <del>4</del> –		6	
	1245678 A5RLRLR K26			568 A5RR K21		6 A6 K29	
7	578 3LL 5			7 IL 0		8	
	1235678 A5RLRLL K25			567 A5RL K20		5 A5 K18	
			_				
	678 RRR 1	578 -RR :4		44 RR 6	8 L	4	
	1234678 A1RLRRR K11	345678 A5RLRR K24		234 A3RR K16	78 A7R K31	4 A4 K17	
					j		
	578 RRL 0	578 LRL :3		74 5 5	56 A5R K19	3 A3 K13	
	1234578 A1RLRRL K10	125678 A5RLRL K23		134 (A3RL K15	5 AE K1	KI KI	D204
							ZQ
	1234568 A1RLRLR K9	123478 A1RLRR K7	5678 A5RLR K22	124 A1RR K4	34 A3R K14	2 A2 K12	_
	1234 A1Ri K	123 A1R K	56 A5i K3	A A	3 X	X	0200
							$\int$
	4567 -RLL .8	123456 A1RLRL K6	1234 A1RLR K5	123 A1RL K3	12 A1R K2		
	1234567 A1RLRLL K8	123 A1R K	12 A11 K	A A	L A X		
				]		0201 0202 0203	J
			<b>5</b> / /			02 02 02	

		FIG. 6	D101 سے	
	PARENT NODE	CHILD NODE	ROOT INFORMATION	]
D301~	- 1	12	ROOT	
	12	123		
	12	124		:
	123	1234		
0302~	124	_		
	1234	123456		
	1234	123478		
	123456	1234567		<b>≻</b> D3
	123456	1234568		
	123478	1234578		
	123478	1234678		
303~	1234567			
	1234568	_		
	1234578		· ·	
	1234678			Ų
)311~	- 2		ROOT	} D31¢
	3	34	ROOT	]
	34	134		
	34	234		<b>≻</b> D3:
321~	134			
322~	234	_		Ų.
)331~	- 4	<u> </u>	ROOT	} D33(
	5	56	ROOT	
	56	567		
	56	568		
	567	5678		
	568	_		
	5678	125678		
	5678	345678		
	125678	1235678		
	125678	1245678		
	345678	1345678		
	345678	2345678		
	1235678	_		
	1245678			•
	1345678	_		
	2345678	<u> </u>		
	6	<b>—</b>	ROOT	
	7	78	ROOT	
	78	578		
	78	678		
	578			
	678	_		
	8		ROOT	l

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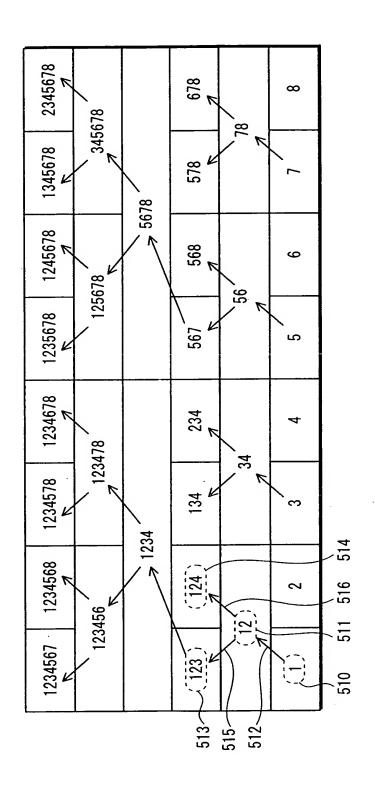






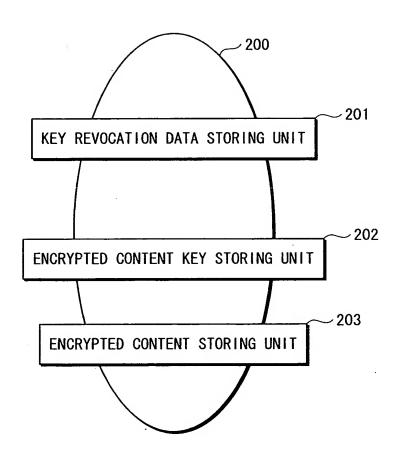
5	501 (1234567	1234568	1234578	1234678	1235678	1245678	1345678	2345678
505	123456	123478	125678	345678				
<u>S</u>	1234	5678						
4	123	124	134	234	567	568	578	678
505	12	34	56	7.8				
206	1	2	3	4	5	9	7	8

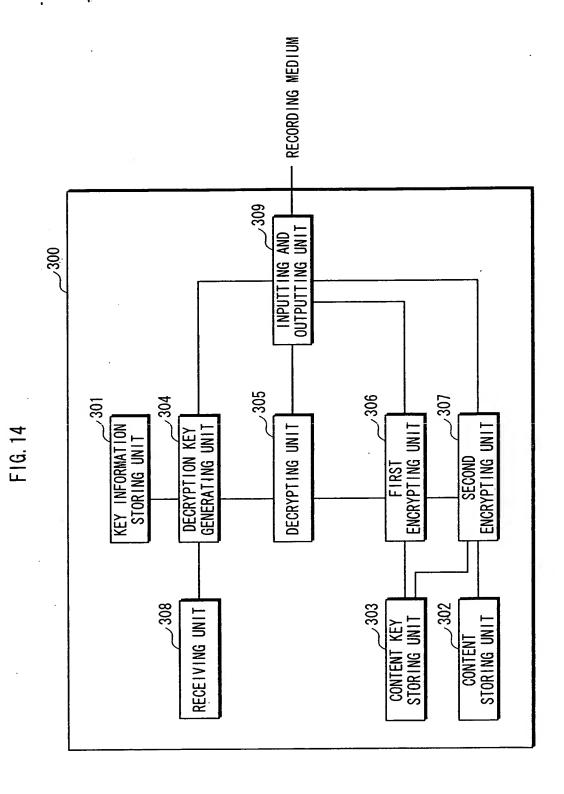
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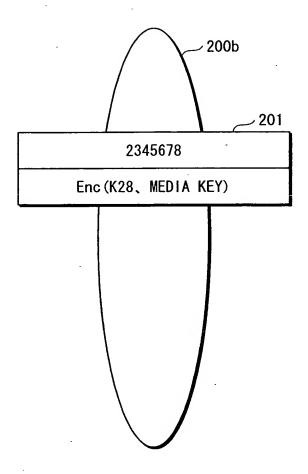


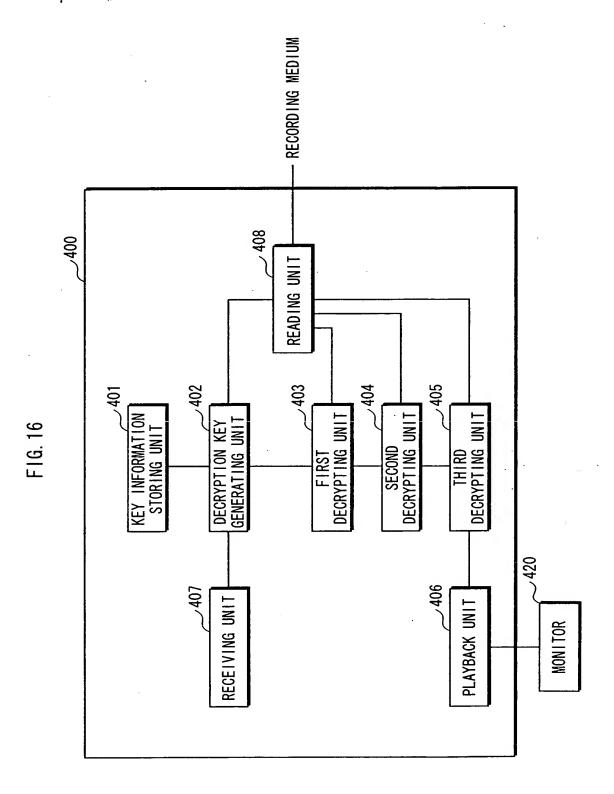
	, D400					1245678 A5RLRLR				1234568 A1RLRLR
	527			2345678 A5RLRRR		345678 A5RLRR		1234678 A1RLRRR		123478 A1RLRR
	524 525 526		/(_1345678_^\ (_A5RLRRL_\	125678 A5RLRL	1235678 A5RLRLL	1234 A1RLR	1234578 A1RLRRL	123456 A1RLRL	1234567 A1RLRLL	5678 A5RLR
12	D401 523 (	THE APPARATUS	(125678 ) (A5RLRL)	234 A3RR	345678 A5RLRR	124 A1RR	123456 A1RLRL	678 A7RR	123478 A1RLRR	568 A5RR
F1G. 12	522	N	(134) (A3RL)	12 A1R	123 A1RL	34 A3R	578 A7RL	56 A5R	567 A5RL	78 A7R
	520 521	KEY		2 A2	3 A3	4 A4	5 A5	6 A6	7 A7	8 A8
	വ്വ	TOTAL NUMBER OF PIECES	4 PIECES (-2)	5 PIECES (-1)	4 PIECES (-2)	6 PIECES (0)	4 PIECES (-2)	5 PIECES (-1)	4 PIECES (-2)	6 PIECES (0)
		APPARATUS NAME	APPARATUS 1	APPARATUS 2	APPARATUS 3	APPARATUS 4	APPARATUS 5	APPARATUS 6	APPARATUS 7	APPARATUS 8

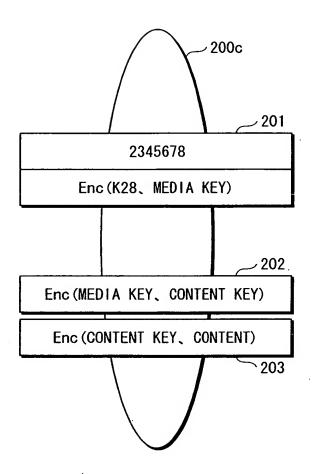
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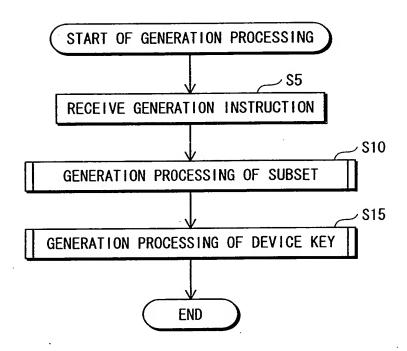
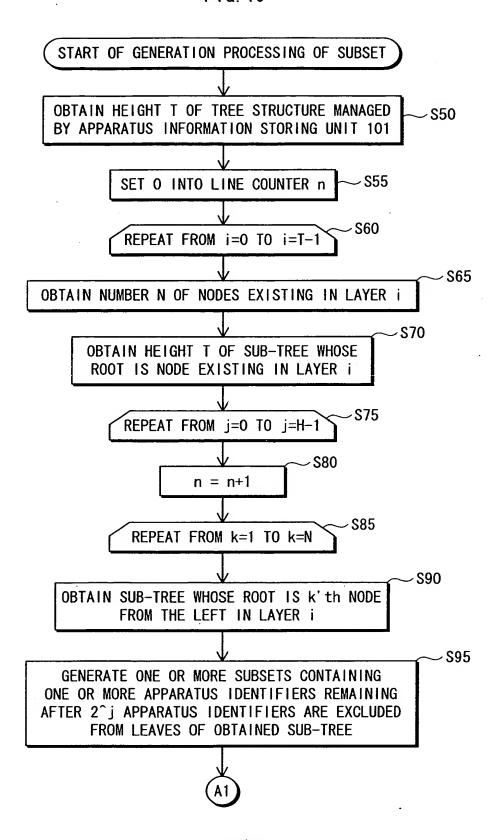
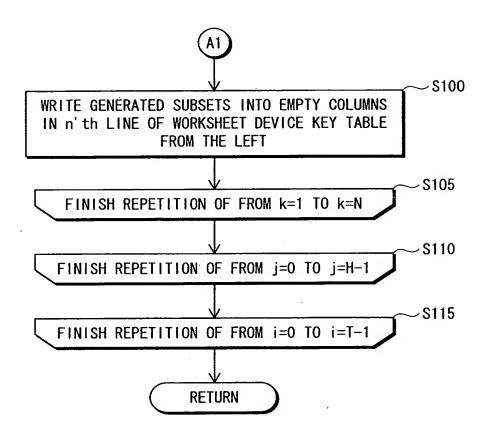
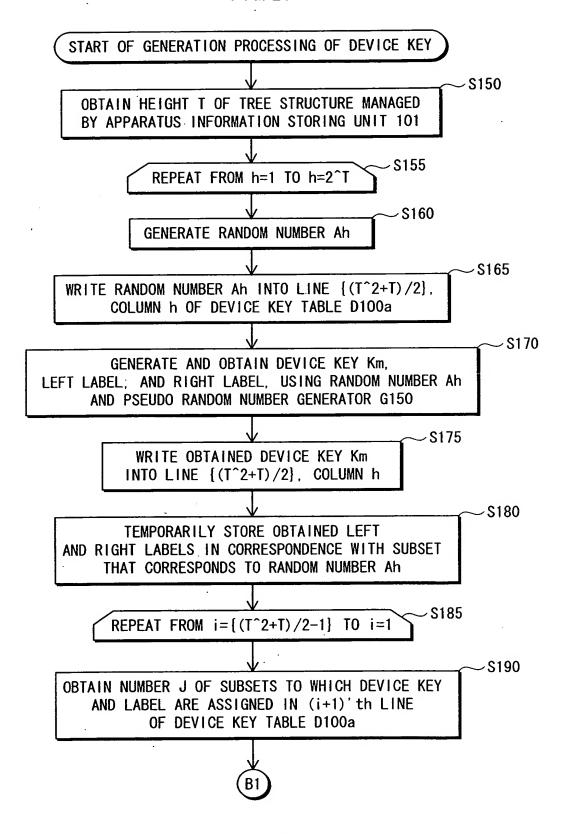


FIG. 19

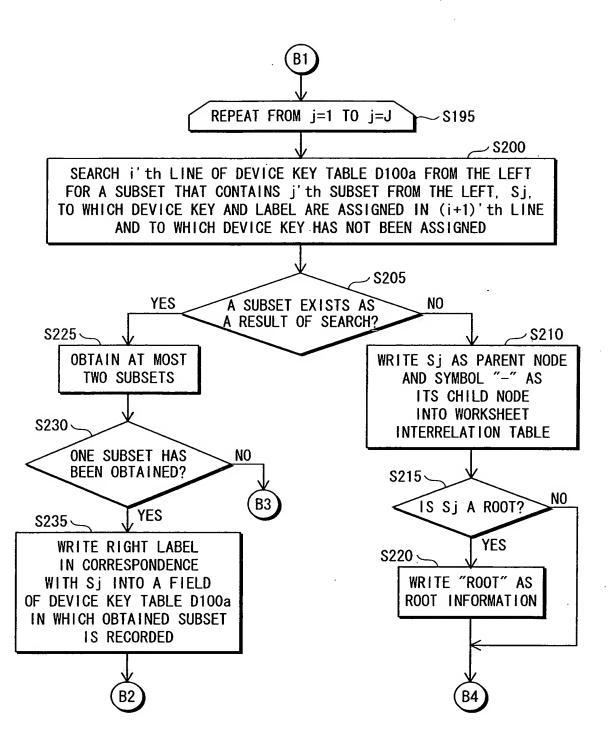


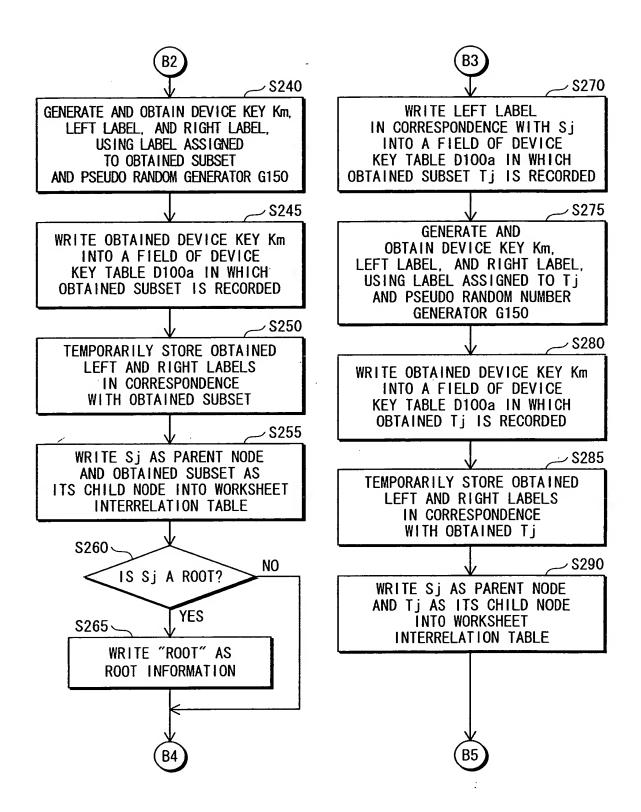
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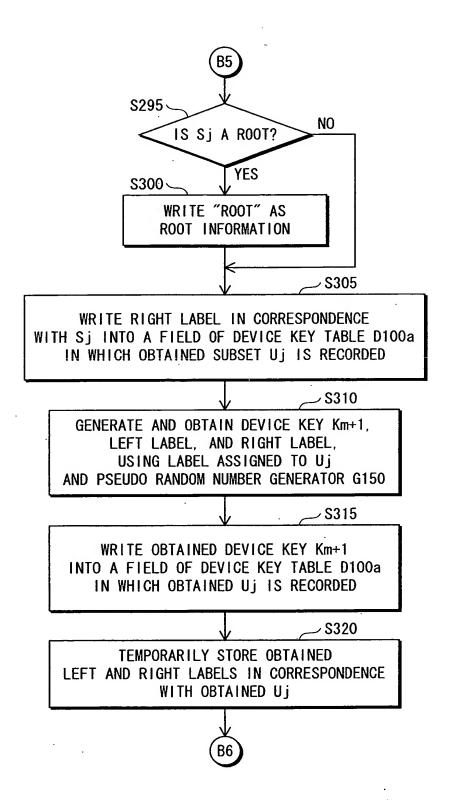




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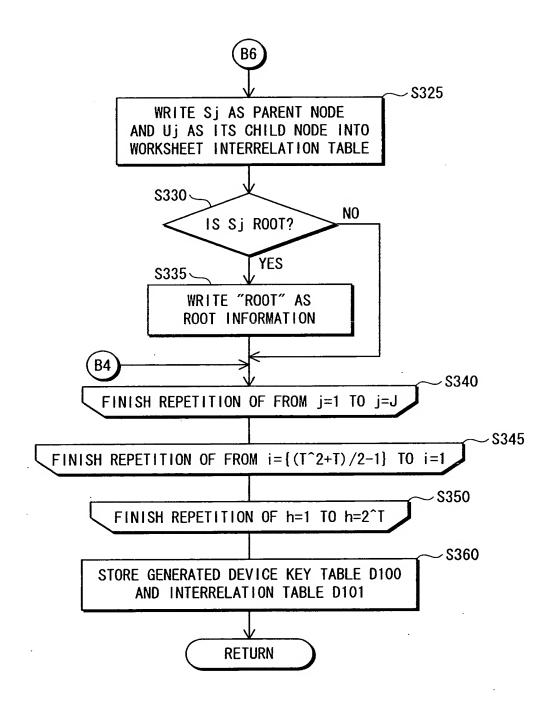
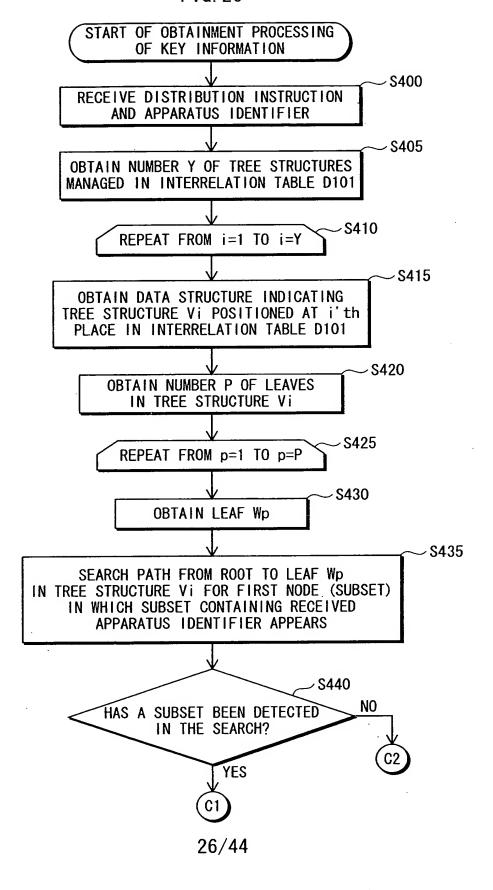
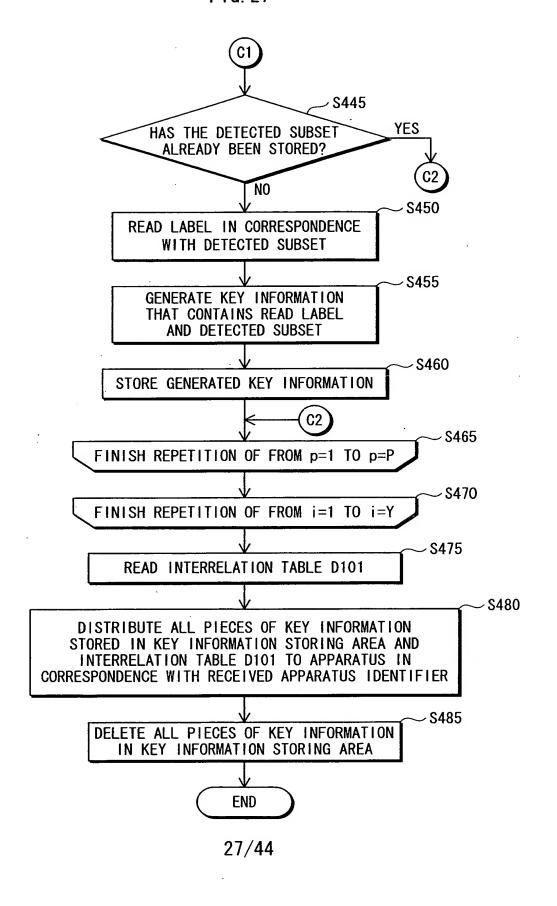
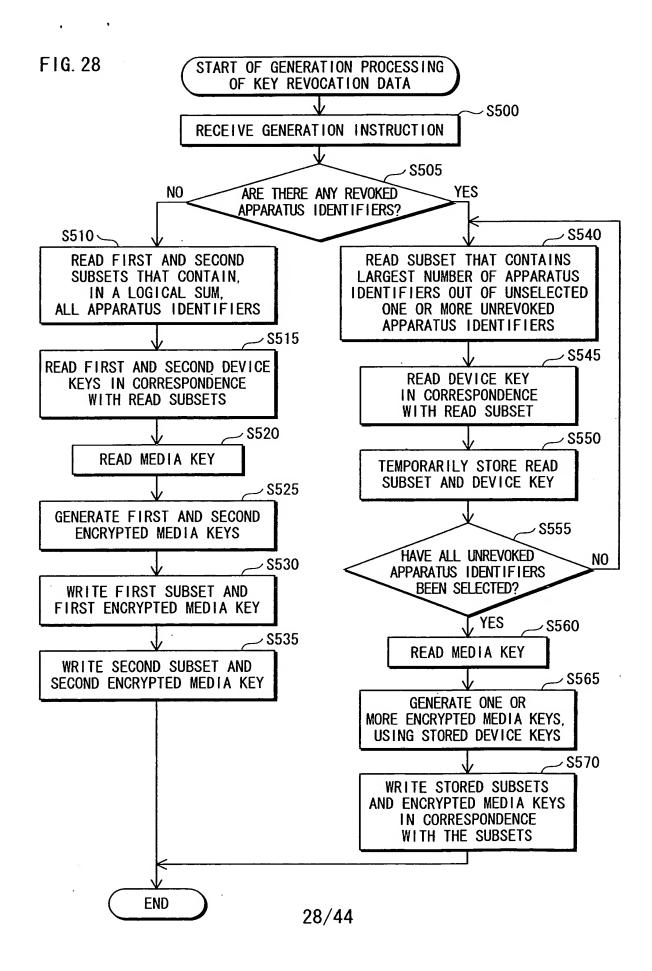
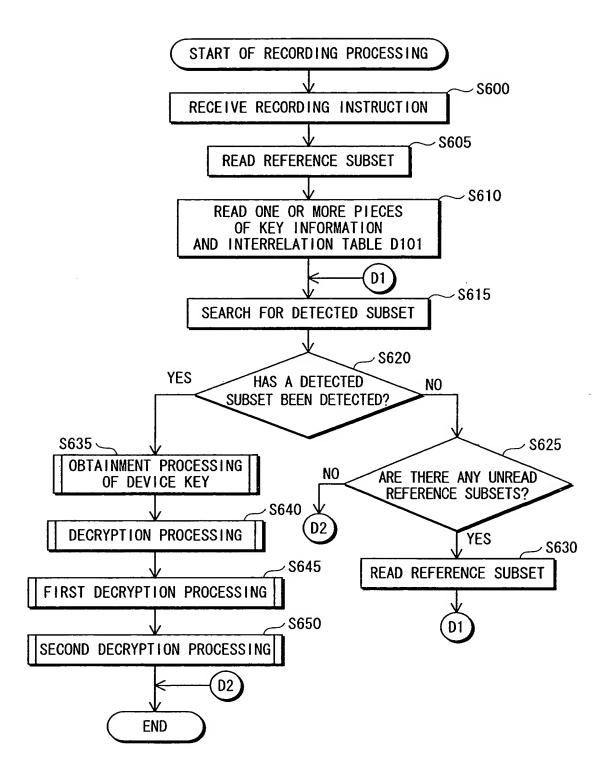


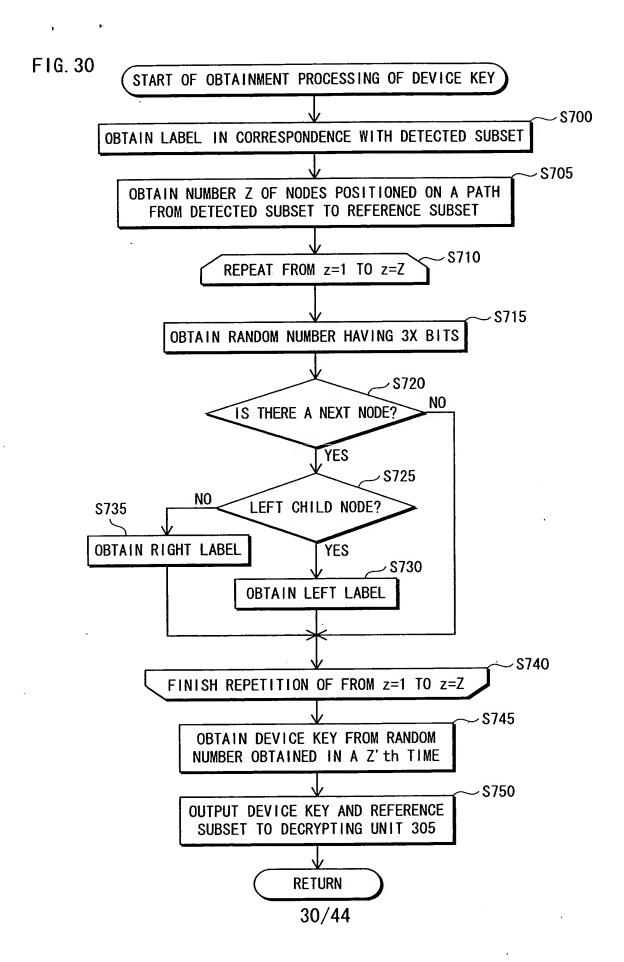
FIG. 26

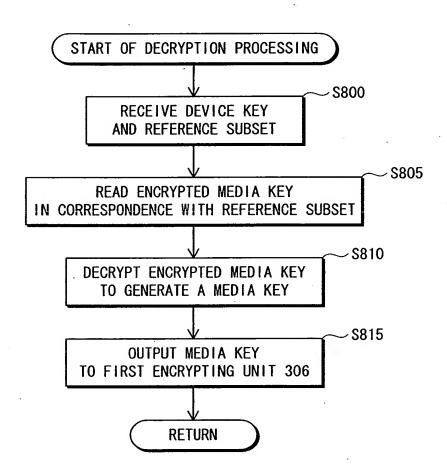


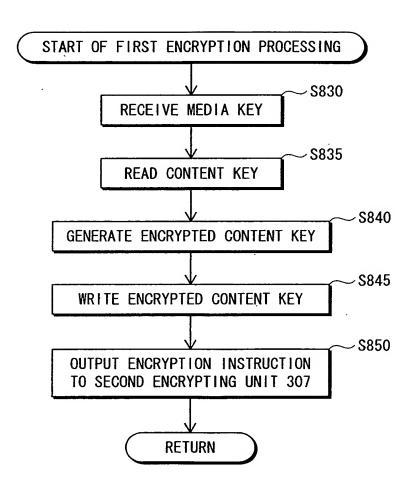


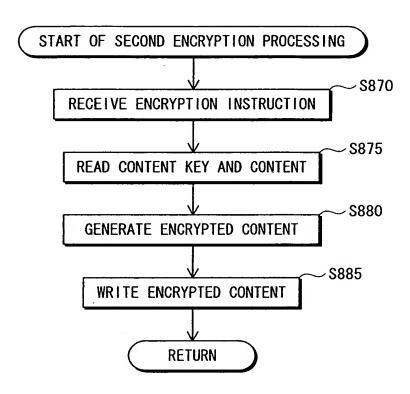


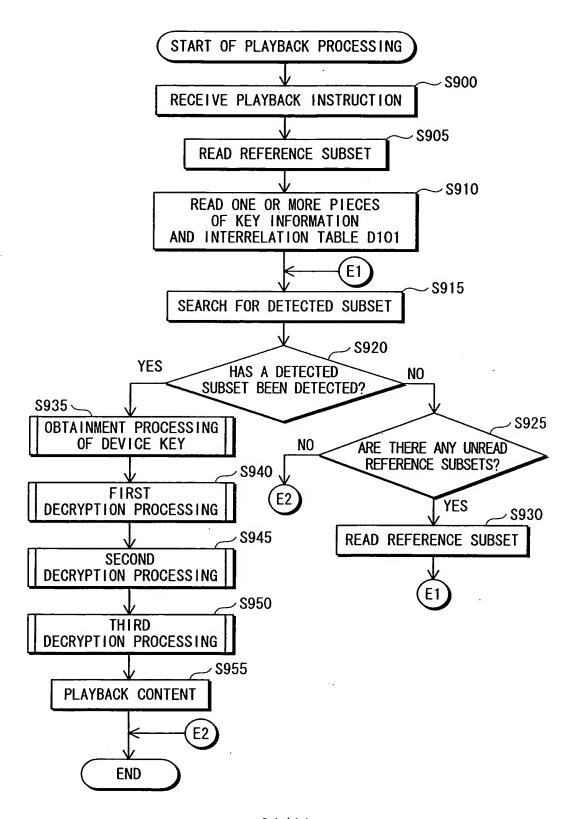


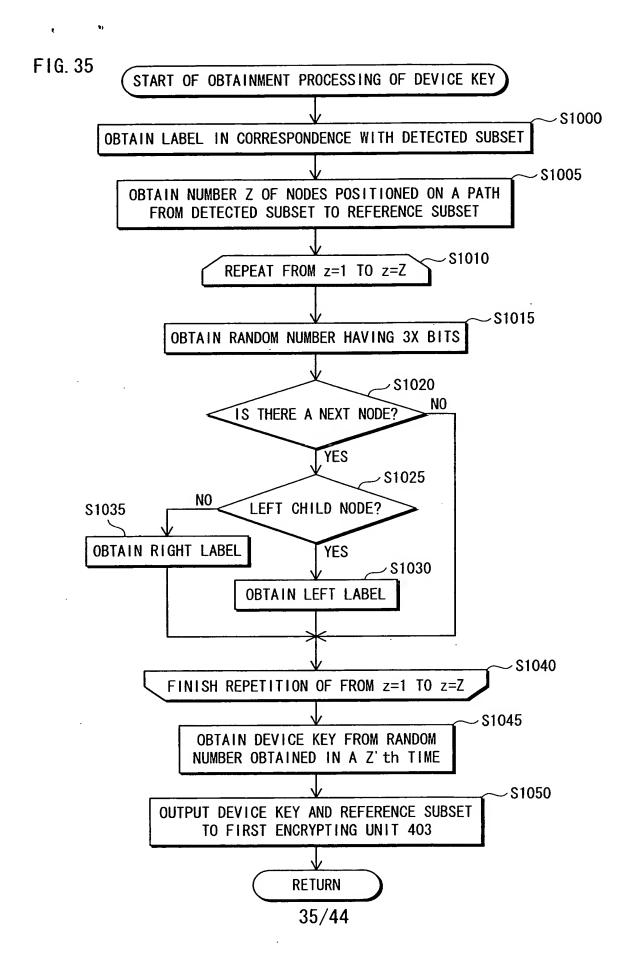


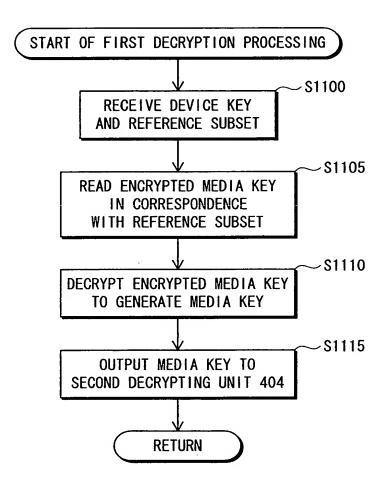


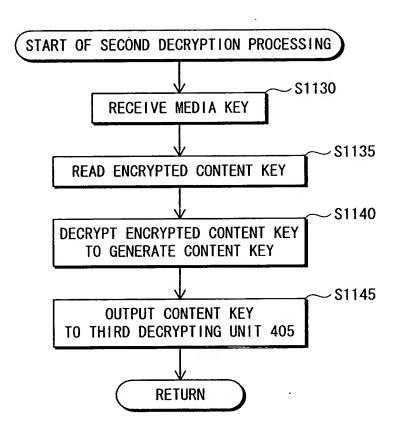


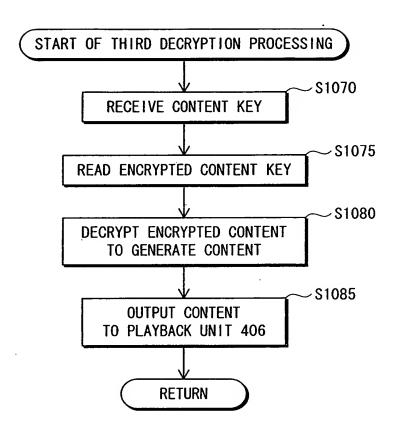


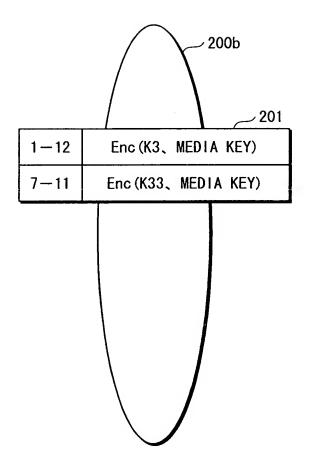




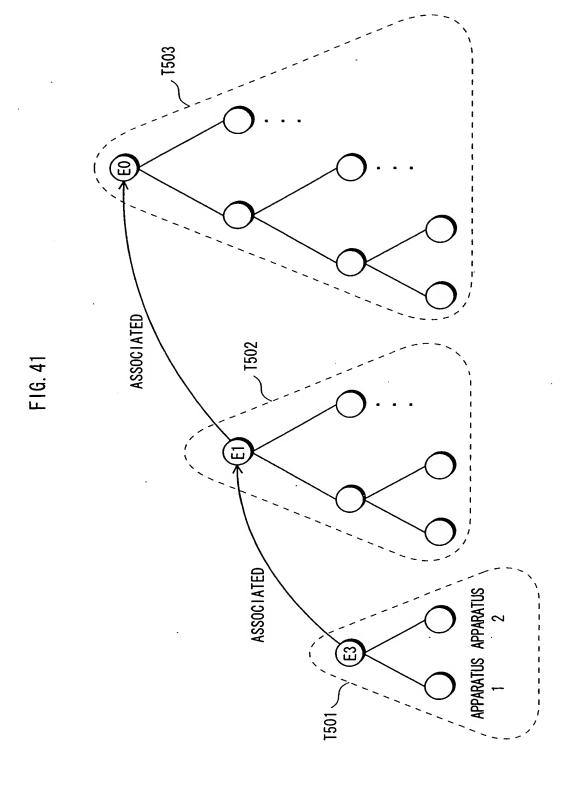




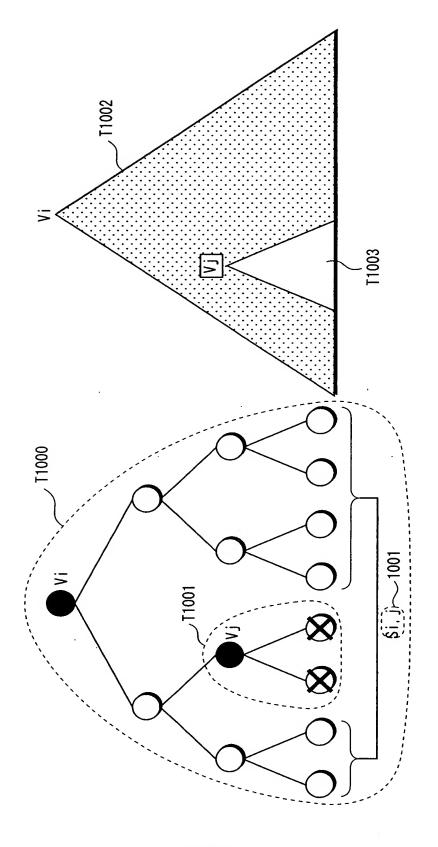




APPARATUS NAME	TOTAL NUMBER OF PIECES		KEY INFORMATION STORED IN THE APPARATUS	THE APPARATUS			
APPARATUS 1	4 PIECES (-2)	1-0 A1	3-12 A3RL	5-1212 A5RLRL	5-12112 A5RLRRL		
APPARATUS 2	5 PIECES (-1)	2-0 A2	1-1 A1R	3-11 A3RR	5-1212 A5RLRL	5-12111 A5RLRRR	
APPARATUS 3	4 PIECES (-2)	3-0 A3	1-12 A1RL	5-1211 A5RLRR	5-12122 A5RLRLL		
APPARATUS 4	6 PIECES (0)	4-0 A4	3-1 A3R	1-11 A1RR	1–121 A1RLR	5-1211 A5RLRR	5-12121 A5RLRLR
APPARATUS 5	4 PIECES (-2)	5-0 A5	7–12 A7RL	1-1212 A1RLRL	1-12112 A1RLRRL		
APPARATUS 6	5 PIECES (-1)	6-0 A6	5-1 A5R	7-11 A7RR	1–1212 A1RLRL	1-12111 A1RLRRR	
APPARATUS 7	4 PIECES (-2)	7-0 . A7	5-12 A5RL	1-1211 A1RLRR	1-12122 A1RLRLL		
APPARATUS 8	6 PIECES (0)	8-0 A8	7-1 A7R	5-11 A5RR	5-121 A5RLR	1-1211 A1RLRR	1-12121 A1RLRLR



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